

MPLM TEAM STATUS: (R.McClendon)

MPLM Generic - (Shariett) Presented the MPLM Generic Imagery Requirements to the Requirements Integration Panel. The panel accepted the generic set to be placed in the Mission Integration Plan Annex 3 as a blank book type set up to be negotiated with the Launch Package Manager for each mission. This will make mission planning easier for each mission by removing the need for imagery requirements to be generated, reviewed and baselined directly with the Imagery Working Group at JSC and then negotiated with the Launch Package Manager for each mission. (A.Shariett)

Determined MPLM/ISS mated attitude (XVV vs XPOP) with THOR / Alenia.
(G.Day/Boeing)

MPLM Operations and Maintenance Requirements and Specifications (OMRS):
(D.Harwell) Requirements Change Notice (RCN) MU15623 R1 was approved by the Test and Verification Control Panel. This change added an internal cleanliness inspection after rack installation and prior to internal closeout. It also added a contingency requirement for cleaning internal surfaces when the microbial sampling results show exceeded levels for bacteria or fungus. The RCN also established the requirement for the reflight leak testing of the MPLM Passive Common Berthing Mechanism (PCBM).
(D.Harwell)

MISSION 7A.1/STS 105: (C. Hazel/J. Holladay)

The new launch date of 9 Aug 2001 at 4:38PM Central time has been set. The MPLM has been closed and is ready for installation into the Orbiter. The Portable Fire Extinguisher Hazard Report was reviewed on 18 July by the Safety Panel and was approved. The Safety Reflight Assessment for 7A.1 has been submitted to the Safety Panel. Presentation to the SORR was made on 19 July. There were no issues and no open paper for MPLM. (C.Hazel)

Completed 7A.1 NPRA cracking pressure waiver analyses and paperwork. Results indicate very low probability of cracking NPRA due to seasonal low pressure environment at KSC. Following 7A.1, need to look at generating generic waiver for remainder of passive MPLM flights. (G.Day/Boeing)

Supported various telecons / meetings: 7A.1 PRR, ferry flight telecons, (G.Day/Boeing)

MISSION UF-1/STS : (A.Shariett/D.Harwell)

Pre-Installation Checkout (PICO) testing began on 7/17 and is scheduled to be completed on 7/20. This test is to check out the MPLM systems prior to rack installation. Final inputs to the UF-1 Mission Integration Plan (MIP) Annex 2 Part 1 - Power, Energy, and Cooling Requirements will be submitted to JSC next week.

PPRA leakage on UF-1, UF-1 attitudes required to satisfy PSRD pointing requirements.
(G.Day/Boeing)

MISSION UF-2/STS 111: (S.Reagan/R.Kuhns(KSC))

A UF-2 Hardware Processing TIM (Technical Interchange Meeting) was held 7/10-11/01. While most of the MPLM portion of the meeting focused on the stowage to go into the MPLM, one MPLM hardware issue discussed was the KSC plan to use the MPLM and Orbiter on UF-2 as a test case for the active Ground Support Equipment (GSE) that will supply power to an active MPLM. A Mission Integration Plan (MIP) Change Request (CR) has been submitted to allow this testing to occur. The testing will be performed both pre-launch and post-landing and will be done on non-interference basis.

MISSION ULF-1/STS: (A. Shariett/C.Hazel)